

# CERTIFICATE

Issued to:  
Applicant:  
**Signify Netherlands B.V.**  
**High Tech Campus 48**  
**5656 AE Eindhoven, The Netherlands**

Licensee:  
**Signify Netherlands B.V.**  
**High Tech Campus 48**  
**5656 AE Eindhoven, The Netherlands**

Product : Electronic driver for LED modules  
Trade name(s) : PHILIPS  
Type(s)/model(s) : Xitanium 18W 0.1 - 0.5A 54V S 230V and  
Xitanium 18W 0.1 - 0.5A 54V TD 230V

The product and any acceptable variation thereto is specified in the Annex to this certificate and the documents therein referred to.

DEKRA hereby declares that the above-mentioned product has been certified on the basis of:

- a type test according to the standard EN 61347-1:2015, EN 61347-2-13:2014, EN 61347-2-13:2014/A1:2017, EN 62384:2006 and EN 62384:2006/A1:2009
- an inspection of the production location according to CENELEC Operational Document CIG 021
- a certification agreement with the number 947556

DEKRA hereby grants the right to use the ENEC certification mark.

The ENEC certification mark may be applied to the product as specified in this certificate for the duration of the ENEC certification agreement and under the conditions of the ENEC certification agreement.

This certificate is issued on 5 March 2020 and expires upon withdrawal of one of the above mentioned standards.

Certificate number: 71-112862 REV.1

DEKRA Certification B.V.



B.T.M. Holtus  
Managing Director



JMg Marggraf  
Certification Manager

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DUTCH ACCREDITATION  
COUNCIL



**SPECIFICATION OF THE CERTIFIED PRODUCT****Product data**

Product	: Electronic driver for LED modules
Trade name(s)	: PHILIPS
Type(s)/model(s)	: Xitanium 18W 0.1 - 0.5A 54V S 230V and Xitanium 18W 0.1 - 0.5A 54V TD 230V
Rated input current	: 0.1 Aac 0.11 Adc
Rated input voltage/nature of supply	: 220...240 Vac 186...250 Vdc
Rated frequency	: 50/60 Hz; DC
Rated input power	: 21 W
Output current range	: 0.1 - 0.5 A
Output voltage range	: 24 - 54 V
Open load voltage	: Uout max: 60 V
Output power	: 18 W
Power factor	: pf: 0.9C
Ambient temperature range	: ta: -20... +50 °C
Description	: built-in LED driver with SELV output circuit

**Product data – type Xitanium 18W 0.1 - 0.5A 54V S 230V**

Max. case temperature : tc: 75 °C

**Product data – type Xitanium 18W 0.1 - 0.5A 54V TD 230V**

Max. case temperature : tc: 85 °C

**TESTS****Test requirements**

EN 61347-1:2015  
EN 61347-2-13:2014  
EN 61347-2-13:2014/A1:2017  
EN 62384:2006  
EN 62384:2006/A1:2009

**Test result**

The test results are laid down in DEKRA test file 224462800.

**Additional information**

- The insulation between input to output: SELV
- The insulation between output to DALI: Double or reinforced insulation
- The insulation between input to housing / PE: Basis insulation
- The insulation between output to housing / PE: Basic insulation
- The insulation between DALI to housing / PE: Basic insulation
- Suitable for emergency luminaire acc. IEC 60598-2-22, excluding high risk task areas
- Temperature of declared thermal protection: 110 °C

This certificate replaces certificate No. 71-112862 which we herewith declare invalid.

The list of components is laid down at test report 2244628.50 and 2244628.52.

**Conclusion**

The examination proved that all requirements were met.